

Converting Colors

Hex(3190AB)

Have a look what the booklet for
Hex(3190AB) contains.

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Color

Hex(3190AB)

Conversions

Conversions Part 1

Format	Color
Hex	3190AB
RGB	49, 144, 171
RGB Percent	19%, 56%, 67%
CMY	0.8078, 0.4353, 0.3294
CMYK	0.71, 0.16, 0.00, 0.33
HSL	193°, 55%, 43%
HSV	193°, 71%, 67%
XYZ	18.5906, 23.5398, 42.0919
YIQ	118.6730, -65.2870, -11.7430

Conversions

Conversions Part 2

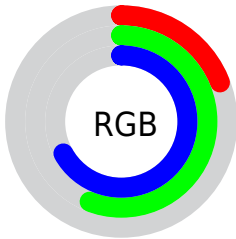
Format	Color
R_{YB}	49, 102, 171
Decimal	3248299
CIE _{Lab}	55.62, -18.49, -22.20
CIE _{LCh}	56, 28.892, 230.222
Yxy	23.5398, 0.2207, 0.2795
Android (android.graphics.Color)	4281438379 (0xFF3190AB)
YUV	118.6730, 25.7972, -61.1032
Hunter-Lab	48.5178, -16.5103, -17.4749

Details

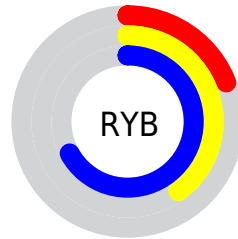
The Hex color **3190AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB4C31**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6FC6E2**, and **005D77** is the 20% darker color. If you saturate the color by 10%, you get **208CAB**, and if you desaturate by 10%, it is **4294AB**.

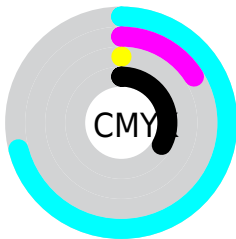
Distribution



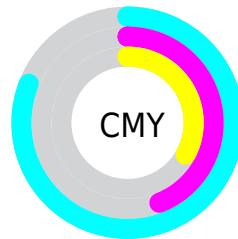
- Red (19%)
- Green (56%)
- Blue (67%)



- Red (19%)
- Yellow (40%)
- Blue (67%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)




- Cyan (81%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3190AB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3190AB by changing the saturation by 10% instead.

 3190AB

 3190AB

FFFFFF

 007690

 6FC6E2

 005D77

 8CE2FF

 00465E

 A9FFFF

 002F46


 C7FFFF

 001C30

 E4FFFF

 00011B

 000000

 3190AB

 3190AB

 208CAB

 4294AB

0F88AB

5398AB

0085AB

649BAB

759FAB

86A3AB

98A7AB

A9AAAB

BAAEAB

CBB2AB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2E9396



3190AB



558AB6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3190AB



B1738F



858956

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3190AB



AB4C31

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9E8154



3190AB



B77375

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3190AB



9D79A6



AF7860



688F64

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3190AB



7085B6



AF7860



8E8653

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3190AB



AFD4DE



31AB4B



546A70



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3190AB



1FB4DE



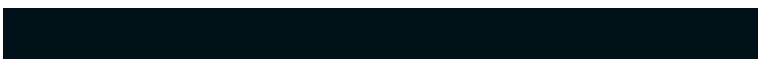
3154AB



4E5557



007596



001217

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AB3190



DE1FB4



AB8831



574E55



960075



170012

Previews

White Background



This preview shows how the Hex color 3190AB looks on a white background.

Color Contrast Check

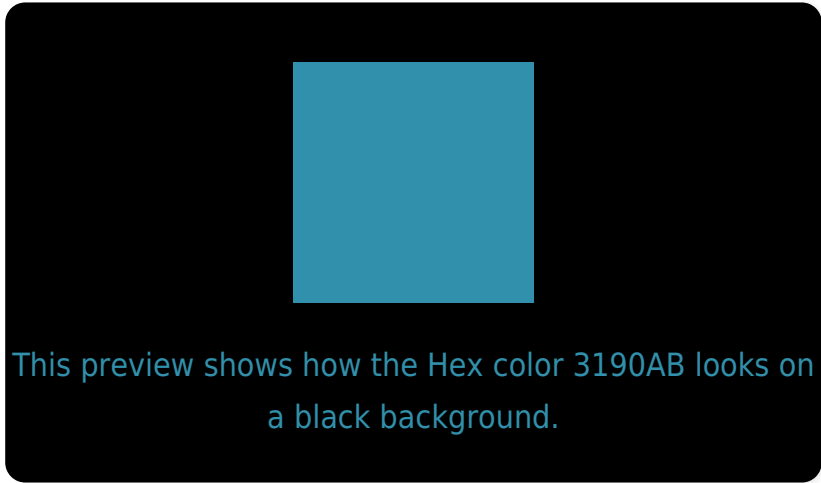
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

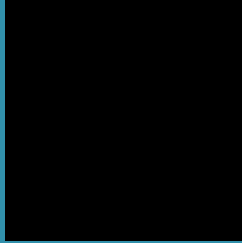
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3190AB Background



This preview shows how black text looks on a background with the Hex color 3190AB.

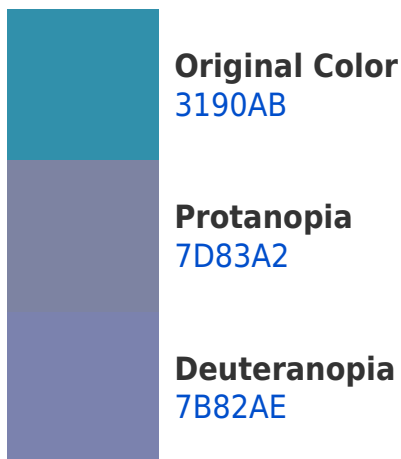


This preview shows how white text looks on a background with the Hex color 3190AB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

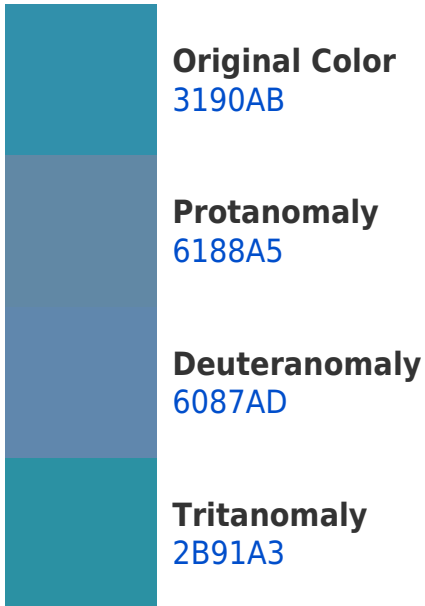
Dichromacy





Tritanopia
28929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3190AB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3190AB looks like.

```
.text, #text, p{  
    color:#3190AB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3190AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3190AB  
}
```

Border

The CSS property to change the border of an element to Hex 3190AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3190AB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3190AB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3190AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3190AB; -webkit-box-shadow:4px 4px  
4px 4px #3190AB; box-shadow:4px 4px 4px  
4px #3190AB }
```

Background

The CSS property to change the background color of an element to Hex 3190AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3190AB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3190AB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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